

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number
WO 2005/062050 A1

(51) International Patent Classification⁷: **G01N 33/543**

(21) International Application Number:
PCT/IN2004/000394

(22) International Filing Date:
22 December 2004 (22.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1600/DEL/2003 23 December 2003 (23.12.2003) IN

(71) Applicant (for all designated States except US): **MAHARASHTRA HYBRID SEEDS COMPANY LIMITED** [IN/IN]; ASHOK CENTRE, 3RD FLOOR, E-4/15, JHANDIWALA EXTENSION, PAHARGANJ, NEW DELHI 110 055 (IN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHAR, Bharat Raghunath** [IN/IN]; Mahyco Life Science Research Centre, RDH-2, Phase-II, Jalna-Aurangabad Road, At: Village Dawalwadi, Dawalwadi 431 203 (IN). **BIHANI, Pankaj Rameshchandra** [IN/IN]; Mahyco Life Science Research Centre, B-1/D, Phase-II, Jalna-Aurangabad Road, At: Village Dawalwadi, Dawalwadi 431 203 (IN).

(74) Agents: **LAKSHMIKUMARAN, Varadharchari** et al.; Lakshmikumaran & Sridharan, B-4/158, Safdarjung Enclave, New Delhi 110029 (IN).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

Published:

— with international search report
— with amended claims and statement

Date of publication of the amended claims and statement:

9 September 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD FOR THE PREPARATION OF READY-TO-USE SOLID SUPPORT FOR RAPID ENZYME-LINKED IMMUNOSORBENT ASSAY (ELISA)

(57) Abstract: The present invention provides a method for the preparation of ready-to-use solid support for ELISA for rapid identification and quantitative estimation of protein/antigen in the test samples, and performances of the assay itself. The invention also provides for a quick, accurate and stable estimation of protein/antigen in the test samples. The invention also provides an ELISA kit comprising of ready-to-use solid support along with wash buffers, chemical substrate, substrate buffer, stock solution, and positive and negative control samples.



WO 2005/062050 A1